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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: RU-0224

Inventors: Fennell et al.

Serial No.: 10/828,781

Filing Date: April 21, 2004

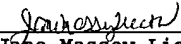
Examiner: Not Yet Assigned

Group Art Unit: 1632

Title: Methods for Remediating Materials
Contaminated with Halogenated Aromatic
Compounds

I, Jane Massey Licata, Registration No. 32,257,
certify that this correspondence is being deposited
with the U.S. Postal Service as First Class mail in
an envelope addressed to the Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

On this date: November 30, 2004


Jane Massey Licata, Registration No. 32,257

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

(XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

() In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

() Certification in Accordance with §1.97(e) is attached hereto; or

() Authorization to charge Deposit Account No. 50-1619 the fee of \$180.00 as set forth in §1.17(p) is provided.

() In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I) (1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

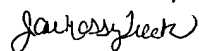
() In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____, filed _____, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

() The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,

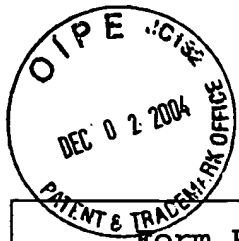


Jane Massey Licata
Registration No. 32,257

Date: November 30, 2004

Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053

(856) 810-1515



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. RU-0224	Serial No. 10/828,781
		Applicant Fennell et al.	
		Filing Date April 21, 2004	Group 1632
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Adrian et al., "Bacterial dehalorespiration with chlorinated benzenes", Nature 2000 408:580-583	
	AB	Bunge et al., "Reductive dehalogenation of chlorinated dioxins by an anaerobic bacterium", Nature 2003 421:357-360	
	AC	Cutter et al., "Identification of a microorganism that links its growth to the reductive dechlorination of 2,3,5,6-chlorobiphenyl", Environmental Microbiology 2001 3(110:699-709	
	AD	Fennell et al., "Comparison of Butyric Acid, Ethanol, Lactic Acid, and propionic Acid as Hydrogen Donors for the Reductive Dechlorination of Tetrachloroethene", Environ. Sci. Technol. 1997 31:918-926	
	AE	Harkness et al., "Use of Bioaugmentation To Stimulate Complete Reductive Dechlorination of Trichloroethene in Dover Soil Columns", Environ. Sci. Technol. 1999 33:1100-1109	
	AF	Lendvay et al., "Bioreactive Barriers:A Comparison of Bioaugmentation and Biostimulation for Chlorinated Solvent Remediation", Environ. Sci. Technol. 2003 37:1422-1431	
	AG	Major et al., "Field Demonstration of Successful Bioaugmentation To Achieve Dechlorination of Tetrachloroethene To Ethene", Environ. Sci. Technol. 2002 36:5106-5116	
	AH	Maymó-Gatell et al., "Isolation of a Bacterium That Reductively Dechlorinates Tetrachloroethene to Ethene", Science 1997 276:1568-1571	
	AI	Wu et al., "Identification of a Bacterium That Specifically Catalyzes the Reductive Dechlorination of Polychlorinated Biphenyls with Doubly Flanked Chlorines", Applied and Environmental Microbiology 2002 68(2):807-812	
EXAMINER		DATE CONSIDERED	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AJ	Wu et al., "Dechlorination of Chlorobenzenes by a Culture Containing Bacterium DF-1, a PCB Dechlorinating Microorganism", Environ. Sci. Technol. 2002 36:3290-3294	
EXAMINER		DATE CONSIDERED	

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	Applicant Fennell et al.	
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	BA	6,488,850	12-3-02	Perrillo	210	605

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES	NO

EXAMINER

DATE CONSIDERED